Marcus Chau

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Education

New York University   **Manhattan, NY**
                                                                Expected May 2025

Intended Degree: B.A. in Computer Science   **GPA: 3.929**

Herricks High School   **New Hyde Park, NY**
High School Diploma   *June 2021*
Awards*:* Mastery in Science endorsement, Highlander Achievement Award, All Country Swimmer, All Division Swimmer and All Conference Swimmer, Scholar Athlete Award
Activities: Herricks High School Swim Team (Captain), Impact Youth Club (Officer/Manager), Youth Leadership, Private Tutor

Personal Experience/ Awards

Long Island Aquatic Club   **Long Island, NY**
USA Competitive Swimmer   *November 2012 – February 2021*
- Trained and competed with the 7th nationally ranked club in the United States of America
- Competed in a multitude of competitions around the country and ranked nationally in various events

Impact Youth Club(IYC)   **Long Island, NY**
Manager/Officer and Volunteer   *August 2020 - September 2021*
- Impact youth Club affiliates with International Musicians Performing Arts Culture Troupe.
- Organized, lead, and hosted zoom meetings to inform the community about music, the environment, and safety from Covid
- Represented the New York City branch of Impact Youth Club

Customs By Wavvy   **Long Island, NY**
Founder   *May 2019 - present*
- Spent hours doing extensive research on market trends, and managed a retail business
- Utilized all forms of social media to promote the brand as well as google docs to manage incoming and outgoing transactions and everyday operations
- All the products are hand-designed

Best Creative Hack award by Meta   **New York City, New York**
Participant/Hacker   February 25 - February 27
- Issued by HackNYU
- "Build Awesome Things", Meta introduced this hack during the opening ceremony to award the project with the most creativity and innovation.
- Built mobile application utilizing React Native, and Google API's to solve the absence of an app for stooping in New York City

Skills & Interests

Languages: Fluent in English and Cantonese, Mediocre level in Mandarin

Skills: Proficient in all Google programs(Docs, Sheets, Slides) as well as Microsoft Office(Word, Excel, Powerpoint)
Computer Science Languages: Python, Java, C, C++, HyperText Markup Language (HTML), SQL, Cascading Style Sheets (CSS), Django, Javascript, React Native
Interests: Stocks, Computer Science, Traveling, Music, Exercising

Personal Projects

Encryption & Decryption (Python)
- Imported random and string library in order to generate the ciphertext and saved the the generated ciphertext in a text file which was then converted into a dictionary for use
- Converts any message into ciphertext and then it can Decrypt it into plain text

Interactive Fiction(C++)
- A text-based adventure game in which the user creates the characters, as well as their statistics

Spell Check (Python)
- Imported an outside dictionary as a text file, created a text file for the keyboard letters and imported re library
- The program loops through all the text the user inputs and checks to see if it's a word that's in the dictionary, if not will underline and correct the word

Currency Converter (Python)
- Utilizes Python's Local module to deal with currency differences
- Also utilized Python's Forex library in order to obtain the APIs of the different locations in order to convert the currencies

Stock Scraper (Python)
- Utilizes Python's Beautifulsoup library to parse certain data from Yahoo Finance and save them in a text file